

# GENERIC MATERIAL

## *ACETAL*

### COMMERCIAL SUPPLIER

Ticona  
Dupont

### COMMERCIAL NAME

Celcon  
Delrin

### TYPICAL APPLICATIONS

Mechanical Automotive, Business Machine and Household Appliance Components i.e. Slides, Gears, Cams, Bushings, Door Handles and Seat Belt Parts.

### ADVANTAGES

- > High tensile strength with rigidity and toughness
- > Good impact and solvent resistance
- > Glossy molded surface
- > Low static and dynamic coefficients of friction (slippery)
- > Many grades have FDA and NSF approvals on food and water Contact
- > Replace die-cast metal components

### DISADVANTAGES

- > Difficult to bond
- > Poor resistance to acid and bases
- > Subject to UV degradation